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**METHOD OF TEST TO PREDICT THE K-VALUE
OF AN EXISTING ASPHALT CONCRETE ROADWAY FROM
PAVEMENT DEFLECTION MEASUREMENTS**

A. SCOPE

This test method describes the use of pavement deflection measurements to predict the K-value (subgrade modulus) of an existing asphalt concrete roadway. The predicted K-value can then be used with the portland cement concrete (PCC) stress charts to determine the proper PCC overlay thickness.

B. PROCEDURE

1. Determine the 80th percentile pavement deflection level by California Test 356.
2. Predict the K-value using the attached Figure 1.

REFERENCES:

California Test 356

End of Text (California Test 359 contains 2 pages)

K-VALUE Vs. DEFLECTION FOR AC PAVEMENT

